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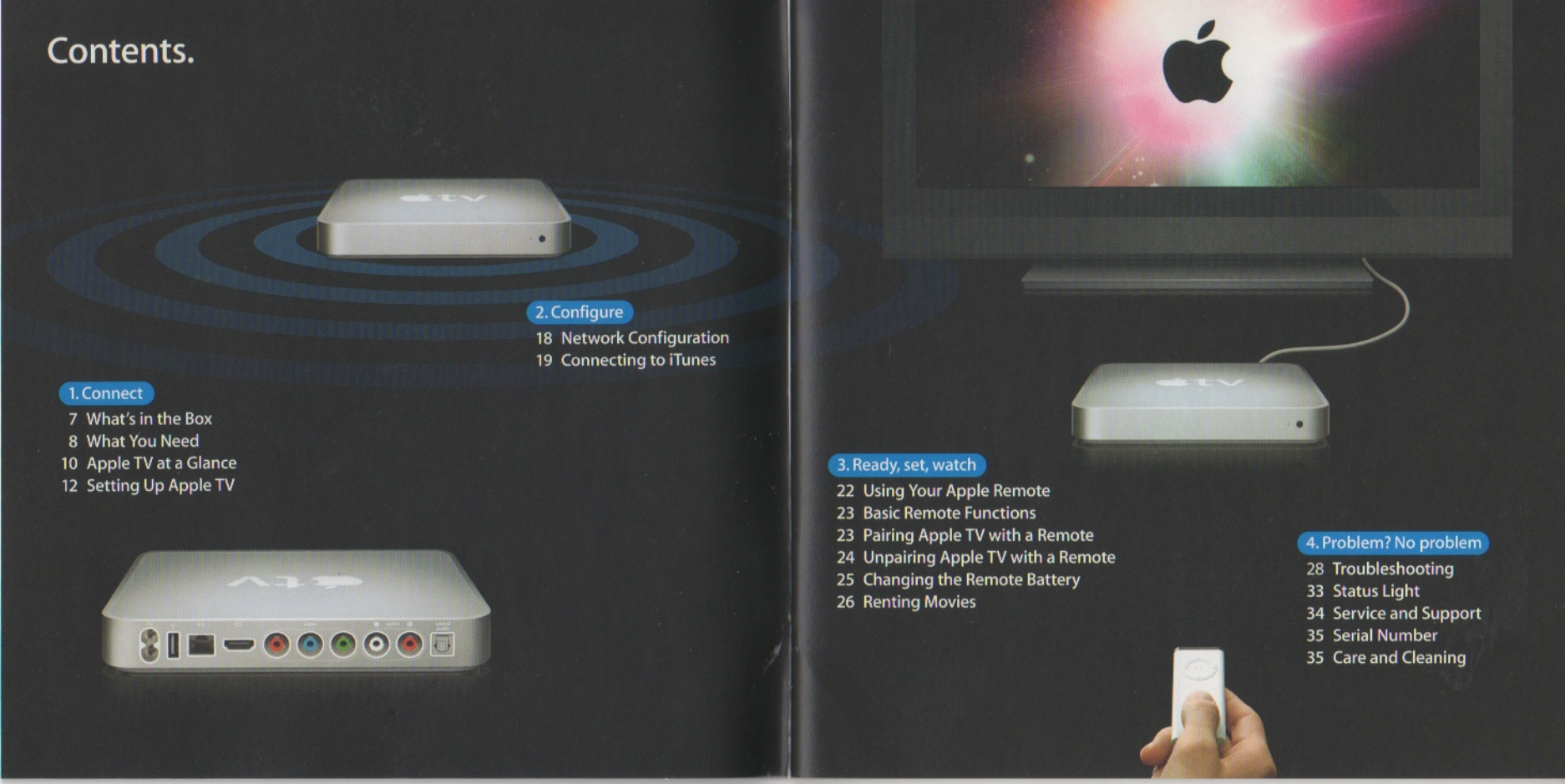
tv

Setup Guide

Welcome. You're watching Apple TV.

This guide contains all the information you need to get from setup to your sofa.

Contents.



1. Connect

7 What's in the Box
8 What You Need
10 Apple TV at a Glance
12 Setting Up Apple TV

2. Configure

18 Network Configuration
19 Connecting to iTunes

3. Ready, set, watch

22 Using Your Apple Remote
23 Basic Remote Functions
23 Pairing Apple TV with a Remote
24 Unpairing Apple TV with a Remote
25 Changing the Remote Battery
26 Renting Movies

4. Problem? No problem

28 Troubleshooting
33 Status Light
34 Service and Support
35 Serial Number
35 Care and Cleaning

1

Connect.

www.apple.com/support/appletv

With Apple TV, you can rent high definition movies or purchase TV shows, music, and music videos from the iTunes Store, as well as watch podcasts and YouTube videos—all without leaving the comfort of your couch. You can enjoy digital photos in high definition from your .Mac Web Gallery, Flickr, or your Mac or PC. You can also enjoy your favorite content from your Mac or PC at any time.

Use the information in this chapter to get started.

For information about	See
What you need to get started	"What You Need" on page 8
Setting up	"Setting Up Apple TV" on page 12
Setting up your network connection	"Configure." on page 17
Using the Apple Remote	"Ready, set, watch." on page 21
Troubleshooting Apple TV	"Problem? No problem." on page 27
Apple TV safety and warranty	The *Apple TV Important Product Information Guide*

What's in the Box

AC power cord

Apple Remote

Note: Your power cord may look different from the one pictured here.

What You Need

To start using your Apple TV, you need the following:

Widescreen TV

A widescreen, enhanced-definition or high-definition TV capable of at least one of the following resolutions:

- 1080p
- 1080i
- 720p
- 576p
- 480p

Cables

- An HDMI cable, or
- Component video cables, with analog audio cables or an optical audio cable

Network

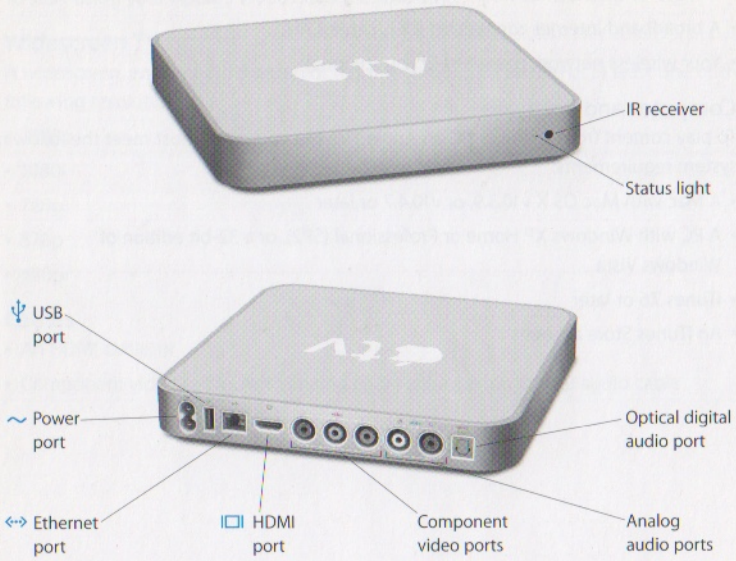
- A wired or wireless network
- A broadband Internet connection (DSL, cable, LAN)
- Your wireless network password (if you use one)

Computer and Software

To play content from a Mac or PC on Apple TV, your computer must meet the following system requirements:

- A Mac with Mac OS X v10.3.9, or v10.4.7 or later
- A PC with Windows XP Home or Professional (SP2), or a 32-bit edition of Windows Vista
- iTunes 7.6 or later
- An iTunes Store account

Apple TV at a Glance



	IR receiver Use with the included Apple Remote to control Apple TV.
	Status light The status light blinks amber when Apple TV starts up. When Apple TV is on, the status light glows solid white. For more information about the status light, see "Status Light" on page 33.
	USB port For service and diagnostics.
	Power port Plug the included AC power cord into Apple TV.
	Ethernet port If you connect to your network using Ethernet, connect an Ethernet cable.
	HDMI port Connect Apple TV to a widescreen TV that has an HDMI port using an HDMI cable, or a DVI port using an HDMI-to-DVI cable.
	Component video ports Connect Apple TV to a widescreen TV that has component video (Y, Pb, and Pr) ports, using a component video cable with green, blue, and red connectors.
	Analog audio ports Connect Apple TV to a widescreen TV or home theater receiver with analog audio ports (red and white), using an analog audio cable.
	Optical digital audio port Connect Apple TV to a home theater receiver that has an optical digital audio port, using an optical digital audio (also called S/PDIF or TOSLINK) cable.
	Built-in Wi-Fi/AirPort wireless Connect Apple TV to your wireless network.

Setting Up Apple TV

Apple TV connects to your TV through an HDMI port that delivers both audio and video to your TV, or through component video and audio ports. Before you set up, look at the ports on the back of your TV to make sure you have the appropriate cables.

To get started:

- Connect audio and video cables to Apple TV and your widescreen TV
- Connect Apple TV to your wireless or Ethernet network
- Install the latest version of iTunes on your computer if you want to play content from your computer on Apple TV

You can connect Apple TV to a widescreen TV that has:

- An HDMI port, using an HDMI cable for both video and audio
- Component video (Y, Pb, and Pr) ports, using a component video cable with green, blue, and red connectors, and an audio cable

You can also connect Apple TV to a home theater receiver or to a TV that has a DVI port using an HDMI-to-DVI cable for video and an audio cable.

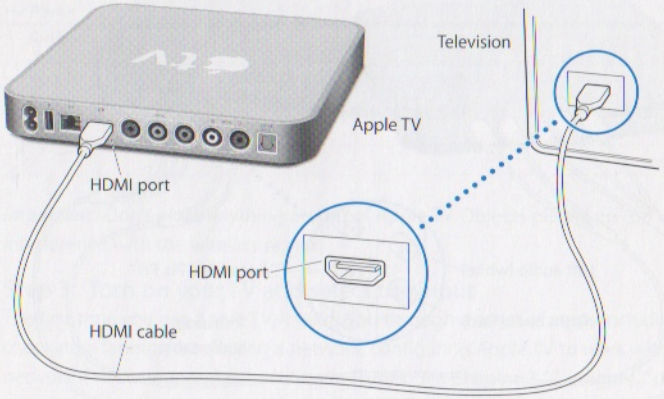
Important: Before you plug Apple TV into a power outlet, carefully read all of the following installation instructions and the safety information in the included *Important Product Information Guide.*

Step 1: Connecting the cables

Choose the setup that matches the ports on your TV or receiver.

To connect a widescreen TV with an HDMI port:

1. Connect one end of an HDMI cable to the back of your TV.
2. Connect the other end to the back of Apple TV.

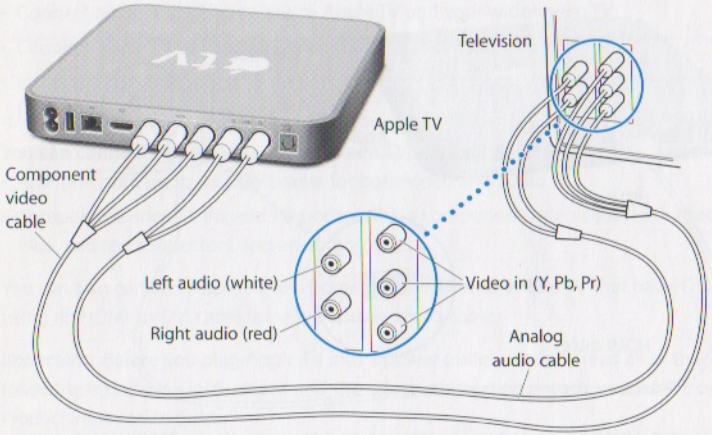


If your TV's HDMI port is being used by another device, or if your TV doesn't have an HDMI port, you can connect to Apple TV using component video and audio.

To connect a widescreen TV with component video and analog audio ports:

1 Connect the green, blue, and red connectors on one end of a component video cable to the Y, Pb, and Pr ports on your TV and the connectors on the other end to Apple TV.

2 Connect an analog audio cable, with red and white connectors, between Apple TV and your TV.



Note: The built-in 802.11 Wi-Fi capability connects Apple TV to your wireless network. If your network is Ethernet-based, connect Apple TV to your network using an Ethernet cable (sold separately).

Step 2: Connect the power cord

Plug one end of the power cord into the back of Apple TV and the other end into a power outlet.

Important: Don't place anything on top of Apple TV. Objects placed on top may cause interference with the wireless signal.

Step 3: Turn on your TV and select the input

The first time you use Apple TV, it takes you through a series of steps including choosing a language, selecting a network, configuring Apple TV to work with your network if necessary, and connecting to iTunes. See Chapter 2, "Configure.," on page 17.

Note: If you see just a black screen the first time you use Apple TV, make sure the input you've selected on your TV matches the input you've plugged the cables into on your TV or receiver. If the input matches, you might need to select a screen resolution your TV supports. See "Problem? No problem." on page 27 and refer to the documentation that came with your TV for information about its inputs.

2

Configure.

www.apple.com/support/appletv

To finish the network connection, follow the onscreen instructions.

Connecting to iTunes

To access the content in your iTunes library on Apple TV, you need iTunes 7.6 or later installed on your computer. See "Computer and Software" on page 9 for a complete list of system requirements.

Updating Your iTunes Software

You can download the latest version of iTunes at www.apple.com/itunes/download.

On a Mac, you can also use Software Update to update to the latest version of iTunes. To use Software Update, choose Apple (🍎) > Software Update.

To use iTunes 7.6 on a Mac, you need to update your system software to Mac OS X v10.3.9, or v10.4.7 or later, and update to QuickTime 7.4 or later.

On a Windows-based computer, you can also go to iTunes Help to update to the latest version of iTunes. Open iTunes, and then choose Help > Check for Updates.

To use iTunes 7.6 on a Windows-based computer, you need to be running Windows XP or later.

Apple TV helps you select and configure your wireless network connection, and, if you want to watch or listen to the content in your iTunes library, connect to iTunes on your computer.

Network Configuration

Have your network password (if you use one) and your Apple Remote handy to configure your Apple TV. Make sure there are no obstructions between the remote and Apple TV. See "Ready, set, watch." on page 21 for information about using your remote. If you:

- Use a wired Ethernet network to connect, Apple TV automatically detects your network.
- Use a wireless network to connect, Apple TV helps you select and configure your network connection.

Connecting to Your Wireless Network

Apple TV will help you connect to your wireless network. If you use a password to access your network, have it ready. Use the Apple Remote to:

- Select your network from the list, or enter your network name if the network is hidden
- Enter your password (if you have one)
- Enter your IP address, subnet mask, router, and DNS address (if you're manually configuring your network)

If you don't connect using DHCP, you may have to enter your IP address, subnet mask, router, and DNS addresses.

To finish the network connection, follow the onscreen instructions.

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Pairing with iTunes

After you set up your network connection, your TV screen displays a five-digit passcode, which you'll need to enter in iTunes to sync or stream content from your computer to Apple TV.

To set up Apple TV with your iTunes library:

1. Open iTunes on your computer.
2. Select the Apple TV icon with "Click to set up" next to it in the Devices list.
3. Enter the 5-digit passcode from your TV screen.

After you enter your passcode, you can name your Apple TV and set up iTunes to manage your content.

For more information about iTunes, open iTunes and choose Help > iTunes Help.

3

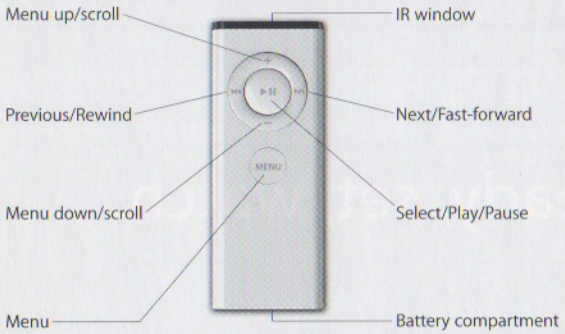
Ready, set, watch.

www.apple.com/support/appletv

Read on to learn about pairing and using your remote with Apple TV.

Using Your Apple Remote

Use the Apple Remote to control Apple TV settings and navigate through your content. Make sure there are no obstructions between the remote and Apple TV.



Basic Remote Functions

Your Apple Remote has the basic functions described below.

To	Do this
Move through the menu options	Press + or −
Select an option from a menu	Press ▶II
Return to a previous menu	Press MENU
Return to the main menu	Press and hold MENU
Put Apple TV in standby mode	Press and hold ▶II for about 6 seconds
Reset Apple TV	Press and hold MENU and − for about 6 seconds
Pair Apple TV and a remote	Press and hold MENU and ⏭ for about 6 seconds

Note: The + and − on the Apple Remote don't control the volume on your TV or receiver. Use the remote that came with your TV or receiver to change the volume.

Pairing Apple TV with a Remote

The Apple Remote works with the built-in IR receiver on Apple TV. You can set Apple TV to work only with the included remote by pairing Apple TV and the remote.

To pair Apple TV with the included remote:

1 Choose Settings from the Apple TV main menu.

2 Choose Pair Remote Control.

You can also press and hold MENU and ⏭ for 6 seconds to pair Apple TV and the remote.

When you've successfully paired your Apple Remote, Apple TV displays a chainlink (⚭) symbol above a picture of a remote. Apple TV now works only with the paired remote.

Unpairing Apple TV with a Remote

If you lose the Apple Remote that you paired with Apple TV, you can use any Apple Remote to unpair Apple TV from the lost remote by pressing and holding MENU and ⏮ for 6 seconds. You can also follow these steps.

To unpair Apple TV from a previously paired remote:

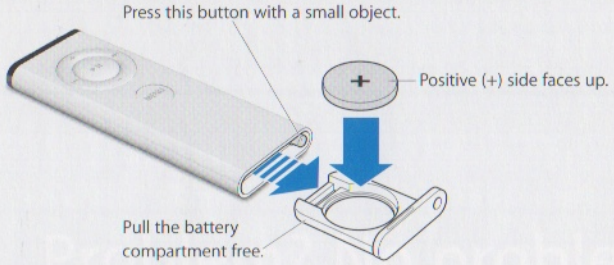
1 Choose Settings from the Apple TV main menu.

2 Choose Unpair Remote.

When you've successfully unpaired the lost remote, Apple TV displays a broken chainlink (⚯) symbol above an image of a remote. You can now pair Apple TV with a new Apple Remote.

Changing the Remote Battery

When the battery charge in your Apple Remote is low, Apple TV displays a picture of a remote and a warning (⚠) symbol. Replace the battery with a CR2032 battery.



To replace the battery:

1 Open the battery compartment by pressing the button with a small object until the compartment is partially ejected.

2 Pull the battery compartment out and remove the battery.

3 Insert the replacement battery with the positive (+) side facing up.

4 Reinsert the battery compartment into the remote.

5 Dispose of the used battery according to your local environmental laws and guidelines.

Renting Movies

You can rent standard definition movies with stereo sound or high definition movies with Dolby Digital 5.1 surround sound directly from Apple TV. When you rent a movie, you have 30 days to start watching it. Once you press Play, you have 24 hours to finish watching before it expires.

The Rented Movies menu shows when your rented movie is due to expire. When a movie expires, it's deleted to save storage space on Apple TV.

Note: Rented movies are not available in all regions.

4

Problem? No problem.

www.apple.com/support/appletv

Most problems with Apple TV can be solved quickly by following the advice in this chapter. For additional tips and troubleshooting information, see the Apple TV Support page at www.apple.com/support/appletv.

Troubleshooting

When you have a problem with Apple TV, there's usually a quick and simple solution. First, make sure:

- The audio and video cables between Apple TV and your TV are pushed in all the way.
- The power cords for Apple TV and your TV are securely connected to a working power source.
- Your TV is turned on and switched to the correct input.
- Apple TV is connected to your network. Go to the Settings menu on Apple TV, select Network, and see if Apple TV has an IP address.
- Your network and Internet connections are on and working properly.

If you're still having trouble, try resetting your equipment by unplugging Apple TV, your TV, your wireless networking equipment or AirPort Base Station, and your router from the power outlet. Wait 30 seconds and then plug everything back in again.

If the remote isn't working

- If you've paired Apple TV and an Apple Remote, make sure you're using the paired remote.
  - If you're using the paired remote and the Apple TV status light flashes white when you press buttons on the remote, the problem isn't with the remote. See "If you can see a picture but Apple TV isn't responding" on page 30.
  - If you're using an unpaired remote, the Apple TV status light flashes amber.
- If you've paired Apple TV and an Apple Remote, and you can't find the paired remote, set Apple TV to work with any Apple Remote by pressing and holding MENU and ⏮ for 6 seconds.
- Point the remote directly at Apple TV.
- Make sure the IR receiver on the front of Apple TV isn't blocked.
- If Apple TV displays a picture of a remote and a warning (⚠) symbol, you need to replace the battery in the remote. See "Changing the Remote Battery" on page 25.

If Apple TV can't access the network

- Check the IP address Apple TV is using. If it starts with 169.x.x.x, then the router or base station may not be configured properly. Check to see if DHCP access is available or configure Apple TV with a manual IP address.
- Check for any obstructions and adjust the location of the base station or Apple TV.
- If security is enabled on the network, temporarily disable it on the base station and try connecting again.

- Apple TV cannot connect to a wireless network that contains high (extended) ASCII or double-byte (Unicode) characters (such as Japanese, Korean, or Chinese) in their name or password.
- If your network has security enabled, make sure you've entered the correct password.

If your TV screen appears fuzzy or black

- Make sure you're using the correct video cables and that they are connected firmly to Apple TV and to your TV.
- Make sure the input setting you've selected on your TV matches the input your video cables are connected to. See the documentation that came with your TV for more information.

If your TV screen still appears fuzzy or black, you may need to select a video mode your TV supports.

To select a video mode:

1. Press and hold both MENU and + on the Apple Remote for about 6 seconds.
2. Press + or – on the Apple Remote to cycle through the display resolutions.
3. When Apple TV reaches an acceptable display resolution and "If you can see the Apple logo, select OK" appears on your TV screen, press ►II.

If you can see a picture but Apple TV isn't responding

- Try pressing and holding MENU on the Apple Remote to return to the Apple TV main menu.
- Make sure your TV is turned on and functioning correctly. See the documentation that came with your TV for more information.

- If you paired an Apple Remote with Apple TV, make sure you're using the paired remote. See "Pairing Apple TV with a Remote" on page 23.
- Reset Apple TV by unplugging it from the power outlet, waiting about five seconds, and plugging it in again. You can also press and hold both MENU and – on the Apple Remote for about 6 seconds to reset Apple TV. Your movies and other content will remain on Apple TV.

If Apple TV still doesn't respond, try restoring it to the original factory settings

- Press and hold both MENU and – on the Apple Remote for 6 seconds or until the status light blinks amber.
- Choose a language.
- Choose Factory Restore.

During a factory restore, the progress indicator (a spinning gear) may spin for a while, so be patient.

- If your network doesn't use DHCP, choose Configure TCP/IP and enter the TCP/IP configuration.
- If you still don't see Apple TV in the Source list in iTunes, go to the Apple TV Support page for more information:

  www.apple.com/support/appletv

If you can't hear sound

- If Apple TV is connected to an A/V receiver, make sure the receiver is turned on.
- Make sure the input setting you've selected on your receiver matches the input you have your audio cables connected to. See the documentation that came with your receiver for more information.

- Make sure the volume on your TV or receiver is turned up and isn't muted.
- Make sure you're using the correct audio cable (see page 13) and that it's connected firmly to Apple TV and to your TV.
- If you're using the HDMI port on your TV and Apple TV, make sure your TV supports audio through its HDMI port. The HDMI ports on some older TVs support only video.

If Apple TV doesn't appear in iTunes

- Make sure Apple TV is turned on and connected to your network. Go to the Settings menu on Apple TV, select Network, and see if Apple TV has an IP address.
- Choose Preferences in iTunes, click Apple TV, and make sure "Look for Apple TVs" is selected.
- If Firewall is on (in the Sharing pane of System Preferences), make sure "Apple TV Sharing" is selected to allow content to pass through the firewall.

If other Apple TVs show up periodically in your iTunes Devices list

- This means that iTunes has found other Apple TVs on your network. To prevent this, choose Preferences in iTunes, click Apple TV, and make sure "Look for Apple TVs" is not selected.

If Apple TV isn't playing your photo albums or slideshows

- Make sure you have photos in your photo library or in a folder on your computer.

Status Light

Apple TV has a status light on the front that indicates what's happening.

If Apple TV is	The status light
On	Glows solid white
Off or in standby	Is off
Starting up	Blinks amber
Accepting a command from the remote	Flashes white once
Rejecting a command from the remote (you've paired a remote with Apple TV but you're using a remote that's not paired)	Flashes amber once
Having problems	Alternates between white and amber

Service and Support

More information about using Apple TV is available in onscreen help and on the web. The following table describes where to get software and service information.

To learn about	Do this
Service and support, discussions, tutorials, and Apple software downloads	Go to: www.apple.com/support/appletv
Using iTunes	Open iTunes and choose Help > iTunes Help. For an onscreen iTunes tutorial (available in some areas only), go to: www.apple.com/support/itunes
Using iPhoto (in Mac OS X)	Open iPhoto and choose Help > iPhoto Help.
The latest Apple TV information	Go to: www.apple.com/support/appletv
Safety and regulatory compliance information	See the *Important Product Information Guide* that comes with Apple TV.
Obtaining warranty service	First follow the advice in this booklet, the *Important Product Information Guide*, the onscreen help, and online resources. If the unit still doesn't function, go to www.apple.com/support/appletv for information about how to obtain warranty service.
Registering Apple TV	Go to: www.apple.com/register

Serial Number

The serial number is printed on the bottom of Apple TV. You can also find the serial number in the Apple TV Settings menu. On Apple TV, choose Settings > About.

Care and Cleaning

NOTICE: Failure to follow these care and cleaning instructions could result in damage to Apple TV or other property.

Using Connectors and Ports

Never force a connector into a port. Check for obstructions on the port. If the connector and port don't join with reasonable ease, they probably don't match. Make sure that the connector matches the port and that you have positioned the connector correctly in relation to the port.

Keeping Apple TV Within Acceptable Temperatures

Operate Apple TV in a place where the temperature is always between 0° and 40° C (32° to 104° F).

Keeping the Outside of Apple TV Clean

To clean Apple TV, unplug the power cord and all cables. Then use a soft, lint-free cloth. Avoid getting moisture in openings. Don't use window cleaners, household cleaners, aerosol sprays, solvents, alcohol, ammonia, or abrasives to clean Apple TV.

Disposing of Apple TV Properly

For information about the proper disposal of Apple TV, and other important regulatory compliance information, see the *Important Product Information Guide.*

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